

# MICRO

ELECTRONICS

PN 3644

PN 3645

PNP SILICON PLANAR  
EPITAXIAL TRANSISTORS

PN 3644, PN 3645 (PNP) are silicon planar epitaxial transistors designed for small signal general purpose amplifiers and switches.



EBC

ABSOLUTE MAXIMUM RATINGS

Collector-Base Voltage

PN3644 45V PN3645 60V

Collector-Emitter Voltage

45V 60V

Emitter-Base Voltage

5V

Collector Current

500mA

Total Dissipation @  $T_A=25^\circ\text{C}$ 

625mW

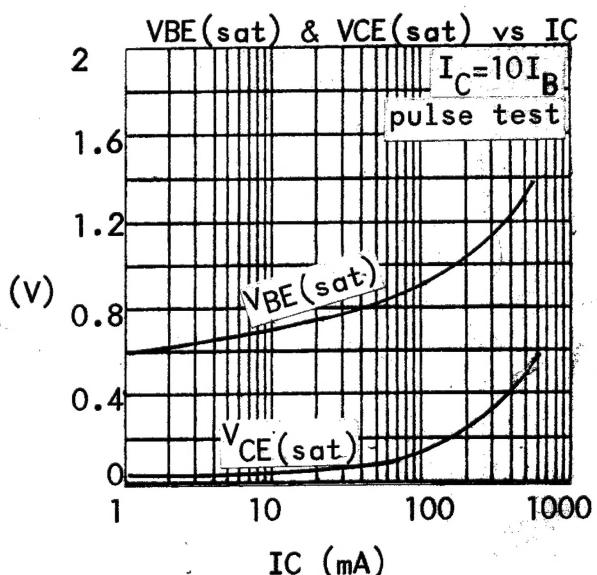
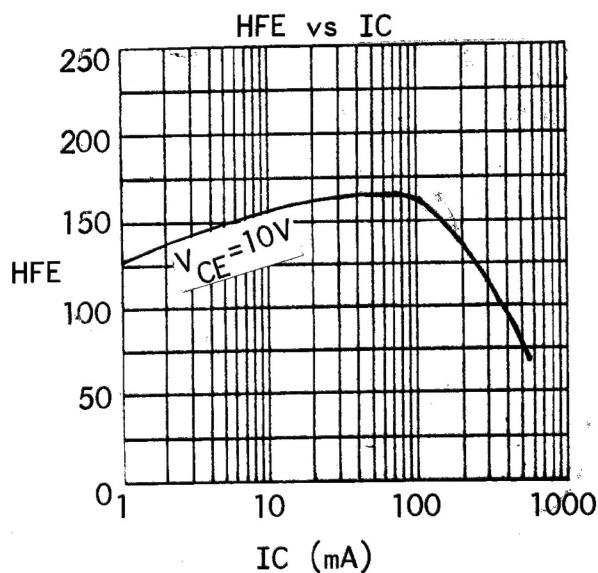
 $T_C=25^\circ\text{C}$ 

1W

Operating Junction and Storage Temperature

T<sub>j</sub>, T<sub>stg</sub>

-55 to 150°C

TYPICAL ELECTRICAL CHARACTERISTICS AT  $T_A=25^\circ\text{C}$ 

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